We Claim:

1. A process comprising:

feeding a solution selected from water, and a mixture of caustic and at least one organic solvent through multiple pressure sources to a reactor having an agitator with blades and stationary pressure sources aimed at the agitator blades; and emptying the reactor; wherein the agitator is rotated while the solution is fed to the reactor.

2. The process according to claim 1 wherein, the multiple pressure sources are hoses equipped with nozzles.

3. The process according to claim 2 wherein, the hoses are made of 316 stainless steel.

4. The process according to claim 3 wherein, the solution is fed to the reactor at a pressure from 100 to 700 bar.

5. The process according to claim 1 wherein, the reactor is equipped with a heat exchanger in an external loop and the heat exchanger and external loop are cleaned with an aqueous base at a temperature of from 20°C to 150°C.

6. The process according to claim 5 wherein, the heat exchanger and external loop are cleaned with caustic at a temperature of from 90°C to 150°C.

7. A process for cleaning a reactor comprising:

feeding a solution selected from an aqueous base, an organic solvent, and combinations thereof to the reactor;

and emptying the reactor; wherein, the reactor is selected from the group consisting of a plate-frame heat exchanger, a plate-fin heat exchanger, and a spiral-plate heat exchanger.

8. The process according to claim 7 wherein, the solution is a combination of an aqueous base and an organic solvent and comprises from 15 weight percent to